If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match.
The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.
Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.54.g U-Down & V-Primary (PEER 25) Power-Up Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.54		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials

Approved: ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

V. Castillo

4.120.54.g U-Down & V-Primary (PEER 25) Power-Up Tests

PASS SEMI-ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____ Checksum: _____

Division B Software Filename and Checksum: Title:_____ Checksum: _____

Initial testing complete:

Test Team Leader's Name (Print): _____ Life Number: _____

Test Team Leader's Name (Sign): _____ Date: _____/____/_____

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____ Life Number:_____

Test Team Leader's Name (Sign): _____ Date: _____/____/_____

Test results reviewed by:

Safety Section Head's Name (Print):_____ Life Number: _____

Safety Section Head's Name (Sign):_____ Date: _____/____/_____

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____ Life Number: _____

RSC Member's Name (Sign):_____ Date: _____/____/_____

1.1 Test of power-up of Division A PLC in Restricted Access, Mode 8

	PLACE	**Peer 25** in **Restricted Access, Mode 8**	
□	**VERIFY**	**Peer 25** is in **Restricted Access**	**MODE 8**
	TURN OFF	**AC Power** to the **Peer 25 Division A PLC**	
□	**VERIFY**	**AC Power** to the **Peer 25 Division A PLC** is	**OFF**
	WAIT	**30 Seconds**	
	TURN ON	**AC Power** to the **Peer 25 Division A PLC**	
□	**VERIFY**	**AC Power** to the **Peer 25 Division A PLC** is	**ON**
□	**VERIFY**	**MCR** sees **Peer 25 Division A PLC** is in	**MODE 2**
	RESET	**Div A** Hardware **Faults**	
□	**VERIFY**	**MCR** sees **Div A** Hardware **Faults** are	**RESET**
□	**VERIFY**	**MCR** sees **Div A Critical Devices: UD1,2** □ and **H10** □ are	**DISABLED**
□	**VERIFY**	**MCR** sees **Div A** Gates are	**NOT RESET**
□	**VERIFY**	**MCR** sees **Div A** Zones are	**NO SWEEP**
□	**VERIFY**	**MCR** sees **Div A** Chipmunks are	**O.K.**
□	**VERIFY**	**MCR** sees **Div A** Crash Systems are	**O.K.**
□	**VERIFY**	**MCR** sees **Peer 25 Div B:** □ Mode, □ H/W Faults, □ UD1,2 □ H10 □ Gates, □ Crash , □ Sweep, □ Chipmunks	**NO CHANGE**

□ **Check for acceptance of Test of power up of Division A PLC in Restricted Access, Mode 8**

1.2 Test of power-up of Division B PLC in Restricted Access, Mode 8

	PLACE	**Peer 25** in **Restricted Access, Mode 8**	
□	**VERIFY**	**Peer 25** is in **Restricted Access**	**MODE 8**
	TURN OFF	**AC Power** to the **Peer 25 Division B PLC**	
□	**VERIFY**	**AC Power** to the **Peer 25 Division B PLC** is	**OFF**
	WAIT	**30 Seconds**	
	TURN ON	**AC Power** to the **Peer 25 Division B PLC**	
□	**VERIFY**	**AC Power** to the **Peer 25 Division B PLC** is	**ON**
□	**VERIFY**	**MCR** sees **Peer 25 Division B PLC** is in	**MODE 2**
	RESET	**Div B** Hardware **Faults**	
□	**VERIFY**	**MCR** sees **Div B** Hardware **Faults** are	**RESET**
□	**VERIFY**	**MCR** sees **Div B Critical Devices: UD1,2** □ and **H10** □ are	**DISABLED**
□	**VERIFY**	**MCR** sees **Div B** Gates are	**NOT RESET**
□	**VERIFY**	**MCR** sees **Div B** Zones are	**NO SWEEP**
□	**VERIFY**	**MCR** sees **Div B** Chipmunks are	**O.K.**
□	**VERIFY**	**MCR** sees **Div B** Crash Systems are	**O.K.**
□	**VERIFY**	**MCR** sees **Peer 25 Div B:** □ Mode, □ H/W Faults, □ UD1,2 □ H10 □ Gates, □ Crash , □ Sweep, □ Chipmunks	**NO CHANGE**

□ **Check for acceptance of Test of power up of Division B PLC in Restricted Access, Mode 8**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: _____/____/_____

TTL: Sign for completion of final testing: _____

Date: _____/____/_____